```
============================================================
Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: [year=2008; month=5; day=30; hr=13; min=50; sec=42; ms=255; ]
============================================================
```

```
              Validated By CRFValidator v 1.0.3
```

Application No: 10570916   Version No: 1.0

                    Input Set:

                    Output Set:

              Started: 2008-05-07 17:42:59.636
             Finished: 2008-05-07 17:43:00.769
              Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 133 ms
       Total Warnings: 15
         Total Errors: 0
  No. of SeqIDs Defined: 15
     Actual SeqID Count: 15

Error code   Error Description

W 402   Undefined organism found in <213> in SEQ ID (1)

W 402   Undefined organism found in <213> in SEQ ID (2)

W 402   Undefined organism found in <213> in SEQ ID (3)

W 213   Artificial or Unknown found in <213> in SEQ ID (4)

W 213   Artificial or Unknown found in <213> in SEQ ID (5)

W 213   Artificial or Unknown found in <213> in SEQ ID (6)

W 213   Artificial or Unknown found in <213> in SEQ ID (7)

W 213   Artificial or Unknown found in <213> in SEQ ID (8)

W 213   Artificial or Unknown found in <213> in SEQ ID (9)

W 213   Artificial or Unknown found in <213> in SEQ ID (10)

W 213   Artificial or Unknown found in <213> in SEQ ID (11)

W 213   Artificial or Unknown found in <213> in SEQ ID (12)

W 213   Artificial or Unknown found in <213> in SEQ ID (13)

W 213   Artificial or Unknown found in <213> in SEQ ID (14)

W 213   Artificial or Unknown found in <213> in SEQ ID (15)

<110> He, Biao

  You, Liang

  Xu, Zhidong

  Jablons, David M.

<120> SOCS-3 Promoter Methylation In Cancer

<130> UCSF-374

<140> 10570916
<141> 2008-05-07

<150> PCT/US04/29037
<151> 2004-09-03

<150> US 60/500,659
<151> 2003-09-05

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 850
<212> DNA
<213> Human

<400> 1
```
gcgccttcct ctccgcagcc ccccgggatg cggtagcggc cgctgtgcgg aggccgcgaa 60
gcagctgcag ccgccgccgc gcagatccac gctggctccg tgcgccatgg tcacccacag 120
caagtttccc gccgccggga tgagccgccc cctggacacc agcctgcgcc tcaagacctt 180
cagctccaag agcgagtacc agctggtggt gaacgcagtg cgcaagctgc aggagagcgg 240
cttctactgg agcgcagtga ccggcggcga ggcgaacctg ctgctcagtg ccgagcccgc 300
cggcaccttt ctgatccgcg acagctcgga ccagcgccac ttcttcacgc tcagcgtcaa 360
gacccagtct gggaccaaga acctgcgcat ccagtgtgag gggggcagct tctctctgca 420
gagcgatccc cggagcacgc agcccgtgcc ccgcttcgac tgcgtgctca agctggtgta 480
ccactacatg ccgcccctg gagcccctc cttcccctcg ccacctactg aaccctcctc 540
cgaggtgccc gagcagccgt ctgcccagcc actccctggg agtcccccca gaagagccta 600
ttacatctac tccggggggcg agaagatccc cctggtgttg agccggcccc tctcctccaa 660
cgtggccact cttcagcatc tctgtcggaa gaccgtcaac ggccacctgg actcctatga 720
gaaagtcacc cagctgccgg ggcccattcg ggagttcctg gaccagtacg atgccccgct 780
ttaaggggta aagggcgcaa agggcatggg tcgggagagg ggacgcaggc ccctctcctc 840
cgtggcacat                                                     850
```

<210> 2
<211> 225
<212> PRT
<213> Human

<400> 2
Met Val Thr His Ser Lys Phe Pro Ala Ala Gly Met Ser Arg Pro Leu

```
  1                   5                        10                       15
Asp Thr Ser Leu Arg Leu Lys Thr Phe Ser Ser Lys Ser Glu Tyr Gln
                    20                   25                   30
Leu Val Val Asn Ala Val Arg Lys Leu Gln Glu Ser Gly Phe Tyr Trp
          35                   40                   45
Ser Ala Val Thr Gly Gly Glu Ala Asn Leu Leu Leu Ser Ala Glu Pro
      50                   55                   60
Ala Gly Thr Phe Leu Ile Arg Asp Ser Ser Asp Gln Arg His Phe Phe
65                   70                   75                   80
Thr Leu Ser Val Lys Thr Gln Ser Gly Thr Lys Asn Leu Arg Ile Gln
                85                   90                   95
Cys Glu Gly Gly Ser Phe Ser Leu Gln Ser Asp Pro Arg Ser Thr Gln
                    100                  105                  110
Pro Val Pro Arg Phe Asp Cys Val Leu Lys Leu Val Tyr His Tyr Met
          115                  120                  125
Pro Pro Pro Gly Ala Pro Ser Phe Pro Ser Pro Pro Thr Glu Pro Ser
          130                  135                  140
Ser Glu Val Pro Glu Gln Pro Ser Ala Gln Pro Leu Pro Gly Ser Pro
145                  150                  155                  160
Pro Arg Arg Ala Tyr Tyr Ile Tyr Ser Gly Gly Glu Lys Ile Pro Leu
                165                  170                  175
Val Leu Ser Arg Pro Leu Ser Ser Asn Val Ala Thr Leu Gln His Leu
                180                  185                  190
Cys Arg Lys Thr Val Asn Gly His Leu Asp Ser Tyr Glu Lys Val Thr
                195                  200                  205
Gln Leu Pro Gly Pro Ile Arg Glu Phe Leu Asp Gln Tyr Asp Ala Pro
      210                  215                  220
Leu
225
```

```
gtgcagagta gtgactaaac attacaagaa gaccggccgg gcagttccag gaatcggggg 60
gcggggcgcg gcggccgcct atatacccgc gagcgcggcc tccgcggcgg ctccgacttg 120
gactccctgc tccgctgctg ccgcttcggc cccgcacgca gccagccgcc cgccgcccgc 180
ccggcccagc tcccgccgcg gcccctrgcc gcggtccctc tcctggtccc ctcccggttg 240
gtccggggggt gcgcaggggg cagggcgggc gcccagggga agctcgaggg acgcgcgcgc 300
gaaggctcct ttgtggactt cacggccgcc aacatctggg cgcagcgcgg gccaccgctg 360
gccgtctcgc cgccgcgtcg ccttggggac ccgaggggggc tcagccccaa ggacggagac 420
ttcgattcgg gaccaggtag gaaggaggag cgcggcgtgg ggagggggtct cgctcagtcc 480
cgggagcttt tcccggtttc ccctccccttt cccgggtcat tcccggcagg gaggtgacga 540
ggtagggggca gagcggatgg aagccggaga tcccaggttc ccggaatact ccggctgggg 600
ccttcgggct tctcctgtcc cctccctacc cccgtgcctc gggtttctcc ctccgtccac 660
accgcccggg gctactggac tgagcggcgc ccaggcagtc ccgggggccct tctcctgtcc 720
caacccggca cactcctgag acctaacttc cgcgcgcgag tttcccacgc tgcgcccttg 780
cagtgcgcgc ctgggaaggg gctgcccggg gccaccctgc cggcagggcg ggagccgtgc 840
gggctccgtg aggcgcctgg atcggagcgc gggcccagga gagggccccc ggggcagtgg 900
gtgccccagt cgctcggcga aggcagggga gccgggggcgg gccgggggcgcg ctggagggtt 960
ccgggcactc aacgcgctcg cgccttcctc tccgcagccc cccgggatgc ggtagcggcc 1020
gctgtgcgga ggccgcgaag cagctgcagc cgccgccgcg cagatccacg ctggctccgt 1080
gcgccatg                                                      1088
```

<210> 4
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 4
tatatattcg cgagcgcggt tt   22

<210> 5
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 5
cgctgcgccc agatgtt   17

<210> 6
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 6
tgtggtggtt gtttatatat ttgtgagtgt ggtt   34

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 7
caaccaacaa taacccacac tacaccca   28

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 8
gtcacccaca gcaagtttcc   20

<210> 9
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 9
ccgacagaga tgctgaagag   20

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 10
gtgtagagta gtgattaaat a   21

<210> 11
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 11
tccttaaaac taaaccccct c   21

<210> 12
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 12
tatatattcg cgagcgcggt tt   22

<210> 13
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 13
cgctgcgccc agatgtt   17

<210> 14
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 14
tgtggtggtt gtttatatat ttgtgagtgt ggtt   34

<210> 15
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 15
caaccaacaa taacccacac tacaccca   28